

PATENT

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1. (Currently Amended) A method for transmitting control channel information in a telecommunication system including an access network and an access terminal, comprising:

partitioning a time interval during which a control channel capsule is transmitted into a first time period and a second time period;

transmitting a packet directed to said access terminal and a signature during [[a]] said first time period, ~~said packet including unicast information associated with said access terminal~~ signature indicative of a change in a set of overhead parameters; and

transmitting [[a]] said set of overhead parameters during [[a]] said second time period, said overhead parameters including system configuration information associated with said access network.

2-5. (Cancelled)

6. (Currently Amended) An apparatus for transmitting control channel information in a communication system, comprising:

an access network configured to partition a time interval during which a control channel capsule is transmitted into a first time period and a second time period, transmit a packet directed to said access terminal and a signature during [[a]] said first time period, ~~said packet including unicast information associated with said access terminal~~ signature indicative of a change in a set of overhead parameters, said access network further configured to transmit [[a]] said set of overhead parameters during [[a]] said second time period, said overhead parameters including system configuration information associated with said access network.

7-10. (Cancelled)

PATENT

11. (Currently Amended) A method for monitoring a control channel in a telecommunication system including an access network and an access terminal, comprising:

receiving a packet ~~including unicast information associated with~~ directed to said access terminal and a signature during a first time period; and

~~receiving a signature during said first time period; and~~

~~determining whether to monitor said control channel to receive a set of overhead parameters during a second time period subsequent, based at least in part on said received signature~~

stopping monitoring said control channel during a second time period subsequent to said first time period, if said signature indicates that a set of overhead parameters is up to date.

12. (Currently Amended) The method of claim 11, wherein said signature is ~~linked to~~ indicative of a change in said set of overhead parameters.

13. (Cancelled)

14. (Currently Amended) The method of claim ~~[[13]]~~ 11, further comprising:

entering one of a sleep mode and a standby mode at the end of said first time period, if said signature indicates that said set of overhead parameters is up to date.

15. (Currently Amended) The method of claim ~~[[13]]~~ 11, ~~wherein said determining further includes comprising:~~

monitoring said control channel to receive said set of overhead parameters during said second time period, if said signature indicates that said set of overhead parameters is not up to date.

16. (Currently Amended) An access terminal for monitoring a control channel in a telecommunication system, comprising:

means for receiving a packet ~~including unicast information associated with~~ directed to said access terminal and a signature during a first time period; and

PATENT

~~means for receiving a signature during said first time period; and~~
~~means for determining whether to monitor said control channel to receive a set of~~
~~overhead parameters during a second time period, based at least in part on said received signature~~
means for stopping monitoring said control channel during a second time period
subsequent to said first time period, if said signature indicates that a set of overhead parameters
is up to date.

17. (Currently Amended) The access terminal of claim 16, wherein said signature is ~~linked to~~
indicative of a change in said set of overhead parameters.

18. (Cancelled)

19. (Currently Amended) The method of claim ~~[[18]]~~ 16, further comprising:
means for entering one of a sleep mode and a standby mode at the end of said first time
period, if said signature indicates that said set of overhead parameters is up to date.

20. (Currently Amended) The method of claim ~~[[18]]~~ 16, ~~wherein said means for~~
~~determining further includes comprising:~~

means for monitoring said control channel to receive said set of overhead parameters
during said second time period, if said signature indicates that said set of overhead parameters is
not up to date.

21. (Currently Amended) A computer readable medium embodying a method for monitoring
a control channel in a telecommunication system, said method comprising:

~~receiving a packet including unicast information associated with~~ directed to said access
terminal and a signature during a first time period; and

~~receiving a signature during said first time period; and~~

~~determining whether to monitor said control channel to receive a set of overhead~~
~~parameters during a second time period subsequent, based at least in part on said received~~
~~signature~~

PATENT

stopping monitoring said control channel during a second time period subsequent to said first time period, if said signature indicates that a set of overhead parameters is up to date.

22. (Currently Amended) The computer readable medium of claim 21, wherein said signature is ~~linked to~~ indicative of a change in said set of overhead parameters.

23. (Cancelled)

24. (Currently Amended) The computer readable medium of claim ~~[[23]]~~ 21, ~~wherein~~ said method further comprising:

entering one of a sleep mode and a standby mode at the end of said first time period, if said signature indicates that said set of overhead parameters is up to date.

25. (Currently Amended) The method of claim ~~[[22]]~~ 21, ~~wherein~~ said method determining further includes comprising:

monitoring said control channel to receive said set of overhead parameters during said second time period, if said signature indicates that said set of overhead parameters is not up to date.

26. (Currently Amended) An access network for transmitting control channel information in a telecommunication system, comprising:

means for partitioning a time interval during which a control channel capsule is transmitted into a first time period and a second time period;

means for transmitting a packet directed to said access terminal and a signature during ~~[[a]]~~ said first time period, ~~said packet including unicast information associated with said access terminal~~ signature indicative of a change in a set of overhead parameters; and

means for transmitting ~~[[a]]~~ said set of overhead parameters during ~~[[a]]~~ said second time period, said overhead parameters including system configuration information associated with said access network.

PATENT

27-29. (Cancelled)

30. (Currently Amended) A computer readable medium embodying a method for transmitting control channel information in a telecommunication system, said method comprising:

partitioning a time interval during which a control channel capsule is transmitted into a first time period and a second time period;

transmitting a packet directed to said access terminal and a signature during [[a]] said first time period, said packet including unicast information associated with said access terminal signature indicative of a change in a set of overhead parameters; and

transmitting [[a]] said set of overhead parameters during [[a]] said second time period, said overhead parameters including system configuration information associated with said access network.

31. (Cancelled)

32. (Currently Amended) An access terminal for monitoring a control channel in a telecommunication system, comprising:

a receiver unit configured to receive:

~~a packet including unicast information associated with~~ directed to said access terminal and a signature during a first time period; and

~~a signature during said first time period; and~~

a controller configured to instruct said receiver unit whether to stop monitoring said control channel during a second time period subsequent to said first time period, if said signature indicates that a set of overhead parameters is up to date ~~receive a set of overhead parameters during a second time period, based at least in part on said received signature.~~

33. (Currently Amended) An access network for transmitting control channel information in a telecommunication system, comprising:

PATENT

a controller configured to partition a time interval during which a control channel capsule is transmitted into a first time period and a second time period;

a transmitter unit configured to transmit:

a packet directed to said access terminal and a signature during [[a]] said first time period, said packet including unicast information associated with said access terminal signature indicative of a change in a set of overhead parameters; and

[[a]] said controller further configured to instruct said transmitter unit to transmit [[a]] said set of overhead parameters during [[a]] said second time period, said overhead parameters including system configuration information associated with said access network.

34. (Cancelled)

35. (Currently Amended) The access terminal of claim 32, wherein said signature is linked to indicative of a change in said set of overhead parameters.